<u>Patent</u>

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

oplicant(s): Jonathan J. Lynch,

et al.

Serial No.: 10/663,975

Group: 2821

)

Examiner: not yet assigned

Re: Information Disclosure
Statement

Filed: September 16, 2003

) Our Ref: B-4545NP 620672-7

For: "LOW PROFILE SLOT ANTENNA USING)

BACKSIDE FED FREQUENCY

) Date: April 14, 2004

SELECTIVE SERVICE"

Commissioner for Patents P.O. Box 1450

Alexandria VA, 22313-1450

Sir:

In accordance with the Applicants' duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the Examiner consider on the merits the documents listed on the enclosed Form PTO-1449 (modified) before issuing the first Office Action on the merits. Copies of the foreign patent documents and the non-patent publications listed on the enclosed Form PTO-1449 (modified) are enclosed herewith for the Examiner's convenience. Copies of the U.S. patent documents listed on the enclosed Form PTO-1449 (modified) are not enclosed, pursuant to Deputy Commissioner Stephen G. Kunin's Pre OG Notice dated July 11, 2003.

The documents listed on the enclosed Form PTO-1449 (modified) include those cited in the International Search Report for the corresponding PCT Application No. PCT/US03/32287. A copy of the Search Report (8 pages) is enclosed herewith.

The filing of this Information Disclosure Statement (IDS) shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

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The Applicants believe that this IDS is being submitted before the issuance of a first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance. Therefore, no official fees should be due; and this IDS should be considered on the merits. If this IDS is being submitted after the issuance of the first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance, please contact the undersigned to authorize a payment of \$180.00 (or any other required amount), which is the fee set forth in 37 C.F.R. § 1.97(c), if the Examiner believes that such a fee is due in order for this IDS to be considered on the merits.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

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The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450",

on April 14, 2004 by Shana Morda.

Respectfully submitted,

Ross A. Schmitt

Attorney for Applicant

Reg. No. 42,529

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Enclosures: Form PTO-1449 (modified) (1 page)

Copy of Search Report for PCT/US03/32287 (8 pages) Copy of Non-U.S. Patent documents listed on Form PTO-

1449 (modified)

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| Frm PTO-1449 (Modified) | ATTY DOCKET NO. B-4545NP 620672-7 | U.S. SERIAL NO. 10/663,975 | |
|--|--|-----------------------------------|--|
| LIST OF PATENTS AND PUBLICATIONS STATEMENT | APPLICANT(S) Jonathan J. Lynch, et al. | | |
| STATEMENT | FILING DATE September 16, 2003 | <i>GROUP</i> 2821 | |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | ISSUE DATE | NAME | CLASS | SUBCLASS | FILING DATE OF 102(e) DATE IF APPROPRIATE |
|---------------------|-----------------|---------------|-----------------------|-------|----------|---|
| | 6,175,337 B1 | 1/2001 | Jasper, Jr. et al. | 343 | 770 | |
| | 6,426,722 B1 | 7/2002 | Sievenpiper et al. | 343 | 700 | |

FOREIGN PATENT DOCUMENTS

| DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES/NO |
|-----------------|---------------------|---------|-------|----------|-----------------------|
| 01/95434 A1 | 12/2001 | WO | | · · · | |
| 02/103846 A1 | 12/2002 | WO | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| Sievenpiper, D., et al., "High-Impedance Elecromagnetic Surfaces with a Forbidden Frequency Band," IEEE Transactions on Microwave Theory and Techniques, Vol. 47, No. 11, pp. 2059-2074 (November 1999). |
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| Ying, Z., et al., "Improvements of Dipole, Helix, Spiral, Microstrip, Patch and Aperture Antennas with Ground Planes By Using Corrugated Soft Surfaces, " IEEE Proceedings: Microwaves, Antennas, and Propagation, Vol. 143, No. 3, pp. 244-248 (June 1996). |

| EXAMINER | DATE CONSIDERED |
|----------|-----------------|
| | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.